

Abstract

The invention relates to a method for monitoring a
5 reference half cell (3), wherein the reference half
cell (3) forms with a measuring half cell (2) a
potentiometric measuring point (1) for determining
and/or monitoring an ion concentration of a medium (7)
and wherein the ion concentration of the medium (7)
10 is determined on the basis of at least one
measurement signal determined in a measuring circuit,
between the measuring half cell (2) and the reference
half cell (3). According to the invention, the
measuring point (1) is operated intermittently in an
15 operating mode and in a test mode, wherein, in the
operating mode, the ion concentration is measured and
wherein, in the test mode, the proper functioning of
the reference half cell (3) is checked.

20 (Fig.3)